

In the claims:

Please amend claims 15, 26, 36, & 40-42 as follows:

15. (Amended) A system comprising:

circuitry having a signal generating and receiving unit;

acoustic transducing elements that include

an acoustically active material between two electrical contacts,

an acoustic matching assembly coupled to one of the two electrical contacts, and

an acoustic window coupled to the acoustic matching assembly;

a cableless coupling assembly coupled to the signal generating and receiving unit and the

acoustic transducing elements, including at least

an acoustically isolating assembly having posts configured to be electrically

conductive and acoustically attenuating, isolating the acoustic transducing

elements; and

a filler material placed within kerfs formed by the acoustically isolating assembly.

26. (Amended) The method of claim 25 wherein coupling the acoustic transducing elements

includes interposing an acoustically active material between two electrical contacts.

36. (Amended) A method comprising:
providing a generating and receiving unit;
providing acoustic transducing elements, including
interposing an acoustically active material between electrical contacts,
coupling an acoustic matching assembly to one of the electrical contacts, and
coupling an acoustic window to the acoustic matching assembly;
cablelessly coupling an acoustically isolating assembly to the generating and receiving
unit and the acoustic transducing elements, the acoustically isolating assembly
including
an acoustically isolating structure having posts configured to be electrically
conductive and acoustically attenuating; and
placing a filler material within kerfs formed by the acoustically isolating structure.

40. (Amended) The method of claim 39 wherein the conductors are partially embedded
within the posts.

41. (Amended) The method of claim 39 wherein the conductors are attached to the outside
of the posts.

42. (Amended) The method of claim 39 wherein the conductors have an insulative backing
that is coupled with the posts.